# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 165 | 704/227.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:15 |
| L2 | 33608 | (harmonic$1 or speech) same noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:57 |
| L3 | 15564 | l2 and noise with (suppress or reduc$4 or eliminat$3 or cancel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:58 |
| L4 | 2022 | l3 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:58 |
| L5 | 407 | l4 and 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:59 |
| L6 | 49 | l5 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 08:17 |
| L7 | 98 | l4 and 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 08:17 |

| L8 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|-----|------|---------------------------------------------------------------------------|--------------------------------------------------------|-----|-----|-------------------|
| L9 | 362 | (decompos$3 or separate or split) same (speech or harmonic) near signal same parameter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L10 | 253 | L9 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L11 | 27 | L10 and sinusoid$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L12 | 89 | mel adj cepstral | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L13 | 86 | L12 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L14 | 1445 | harmonic$1 same noise same reduction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

| L15 | 0 | L14 and (mel and cepstrum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|-----|---|---|---|---|---|---|
| L16 | 596 | signal adj decomposition | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L17 | 54 | L13 and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L18 | 359 | (harmonic or voice or speech) same noise same (decompose or separate or split) and (sinusoid$1 or exponential$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L19 | 3053 | (decompos$3 or separate or split) same (speech or harmonic) near signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L20 | 15 | L16 same (cos or cosine) and (sin or sine) and speech and random | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L21 | 4 | harmonic same noise same decompose and sinusoids | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

| L22 | 12 | harmonic same noise same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|-----|-----|-----|-----|-----|-----|-----|
| L23 | 0 | harmonic same noise same paramter same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L24 | 2 | EP-899718-$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L25 | 142 | L16 and cos$3 and sin$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L26 | 0 | "10647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L27 | 13 | L17 and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L28 | 11 | L14 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

| L29 | 128 | L16 and (cos or cosine) and (sin or sine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|-----|-----|-------------------------------------------|----------------------------------------------------------|----|----|------------------|
| L30 | 1 | "10/647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L31 | 15 | L16 same (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L32 | 62 | L16 and (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L33 | 21 | "harmonic plus noise" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L34 | 436 | energy same harmonic same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L35 | 51 | L34 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

# EAST Search History

| L36 | 34 | speech same recognition same system same harmonic same (random or noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|-----|-----|-----|-----|-----|-----|-----|
| L37 | 461 | mel same cepstral same frequency same coefficient$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L38 | 2 | "20050071160" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L39 | 3 | harmonic same "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L40 | 235 | 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L41 | 16 | L40 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L42 | 27 | "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

| L43 | 796 | 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|---|---|---|---|---|---|---|
| L44 | 2 | "20010018655" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L45 | 0 | "signal$1to$1noise$1ratio" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L46 | 143244 | signal same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L47 | 129608 | signal with noise with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L48 | 8 | ("4628529" \| "4811404" \| "5604839" \| "5655057" \| "5960395" \| "6098040" \| "6230122" \| "6542864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/08 10:24 |
| L49 | 2 | "6965860".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

# EAST Search History

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|---|---|---|---|---|---|---|
| L50 | 84 | harmonics with signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L51 | 4 | L50 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L52 | 129608 | noise with signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L53 | 2410 | L52 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L54 | 974 | L53 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L55 | 55 | harmonics with speech with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L56 | 22198 | noise adj3 signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

| L57 | 4 | harmonics adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
|---|---|---|---|---|---|---|
| L58 | 0 | harmonics adj to adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L59 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L60 | 642 | L56 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L61 | 304 | L60 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| L62 | 1062 | 704/226,227,228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 10:24 |
| S1 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:58 |

| S2 | 1395 | harmonic$1 same noise same reduction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:29 |
|----|------|-------------------------------------|-----|----|----|------|
| S4 | 0 | S2 and (mel and cepstrum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:30 |
| S5 | 8 | S2 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:32 |
| S6 | 78 | mel adj cepstral | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |
| S7 | 76 | S6 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |
| S8 | 46 | S7 and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |
| S9 | 10 | S8 and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:35 |

| S10 | 0 | harmonic same noise same paramter same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:36 |
| --- | --- | --- | --- | --- | --- | --- |
| S11 | 11 | harmonic same noise same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:38 |
| S12 | 4 | harmonic same noise same decompose and sinusoids | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:38 |
| S13 | 344 | (harmonic or voice or speech) same noise same (decompose or separate or split) and (sinusoid$1 or exponential$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:46 |
| S14 | 562 | signal adj decomposition | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:46 |
| S15 | 135 | S14 and cos$3 and sin$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:48 |
| S16 | 122 | S14 and (cos or cosine) and (sin or sine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:50 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S17 | 58 | S14 and (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:50 |
| S18 | 15 | S14 same (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 14:06 |
| S19 | 15 | S14 same (cos or cosine) and (sin or sine) and speech and random | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 14:24 |
| S23 | 2 | EP-899718-$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 10:36 |
| S24 | 2945 | (decompos$3 or separate or split) same (speech or harmonic) near signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:08 |
| S25 | 348 | (decompos$3 or separate or split) same (speech or harmonic) near signal same parameter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |
| S26 | 242 | S25 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |

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|---|---|---|---|---|---|---|
| S27 | 25 | S26 and sinusoid$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |
| S28 | 0 | "10647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:58 |
| S29 | 1 | "10/647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 08:25 |
| S30 | 20 | "harmonic plus noise" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 16:49 |
| S31 | 34 | speech same recognition same system same harmonic same (random or noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 12:28 |
| S32 | 428 | energy same harmonic same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 12:30 |
| S33 | 47 | S32 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 14:54 |

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|---|---|---|---|---|---|---|
| S34 | 412 | mel same cepstral same frequency same coefficient$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 09:33 |
| S35 | 2 | "20050071160" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 10:57 |
| S36 | 3 | harmonic same "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 11:10 |
| S37 | 26 | "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:14 |
| S38 | 228 | 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:16 |
| S39 | 13 | S38 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:16 |
| S40 | 763 | 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 08:25 |

# EAST Search History

| S41 | 2 | "20010018655" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:24 |
|-----|-----|-----|-----|-----|-----|-----|
| S42 | 0 | "signal$1to$1noise$1ratio" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:36 |
| S43 | 137421 | signal same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:37 |
| S44 | 124192 | signal with noise with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:39 |
| S45 | 2 | "6965860".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:39 |
| S46 | 8 | ("4628529" \| "4811404" \| "5604839" \| "5655057" \| "5960395" \| "6098040" \| "6230122" \| "6542864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/25 11:41 |
| S47 | 0 | harmonics adj to adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:06 |

| S48 | 4 | harmonics adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:06 |
|-----|------|-------------------------------|----------------------------------------------------------|----|----|------------------|
| S49 | 84 | harmonics with signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:07 |
| S50 | 4 | S49 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:28 |
| S51 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:29 |
| S52 | 55 | harmonics with speech with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:47 |
| S53 | 129608 | noise with signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S54 | 2410 | S53 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:48 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S55 | 974 | S54 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:48 |
| S57 | 22198 | noise adj3 signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S58 | 642 | S57 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S59 | 304 | S58 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 11:31 |
| S66 | 1062 | 704/226,227,228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:10 |